Index of Claims

| Applic | :ation/Co | ontrol | No. |
|--------|-----------|--------|-----|
|--------|-----------|--------|-----|

10/618,290

Examiner

Caridad M. Everhart

Applicant(s)/Patent under Reexamination

KWAK, NOH YEAL
Art Unit

2825

| √ | Rejected |
|---|----------|
| _ | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| Ν | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| Cla | aim | Γ. | | | _ | Dat | e | | | |] | Cla | aim | | | | Da | te | | | | | Cla | im | | | | | Date | | | | |
|----------|----------|--|-----------------|----------|--------------|--------------------|----------|---------------|----------|----------|-------|-------------|----------|-----------------|-----------|--|---------|-----------|--|----------|--------------------|-----|--------|------------|----------|----------|-----------|----------|----------|-------------|----------|----------|-----------|
| _ | <u>a</u> | 4400 | | | | | | | | | | l _ | व | | | 1 | 1 | | | | | | _ | ল | | | | | | | ٠, | | ιl |
| Final | Original | 12 | | | | | | | | | | Final | Original | | | | 1 | | | | | | Final | Original | | | | | | | | | ıl |
| ш | Ö | $ \alpha $ | | | | | | | | | | ш. | Q | İΙ | | | | | | | | | Œ | Ö | | | | | | | ı | | ıl |
| <u> </u> | | ⊢ | | | ⊢ | ⊢ | ╀ | ⊢ | + | ┝ | ł | <u> </u> | 51 | H | | | + | ╁ | \vdash | | - | ╬ | | | \vdash | | | | | | | \dashv | \dashv |
| 1 4 | 2 | = | | | | ╁ | ╁ | ╁ | +- | | | | 52 | - | -+ | + | + | + | \vdash | \vdash | - | ╟ | | 101 102 | \vdash | | | | _ | | - | | - |
| 5 | 3 | = | | - | - | ╁ | ╫ | ╁ | + | ┢ | | ├─ | 53 | Н | \dashv | + | + | + | \vdash | - | - | ╟ | | 102 | \vdash | \dashv | _ | | _ | _ | | - | \dashv |
| 6 | 4 | † <u>=</u> | | | | ╁ | ╁ | ╁ | ╁ | ╁ | ł | | 54 | Н | \dashv | + | + | + | \vdash | - | \dashv | ŀ | | 104 | - | \dashv | | | | | | \dashv | Н |
| <u> </u> | 5 | \vdash | \vdash | | \vdash | ╁ | \vdash | $^{+-}$ | + | \vdash | | | 55 | Н | \dashv | + | + | + | ┼─┤ | \vdash | ١!! | ŀ | | 105 | \vdash | | | - | | | - | ᅥ | 一 |
| 2 | 6 | = | | - | | H | t | t | t | H | | | 56 | П | | \top | + | \dagger | \vdash | | $\dashv \parallel$ | ľ | | 106 | \vdash | | | | | | | ᅥ | \dashv |
| 3 | 7 | = | | | | T | t | T | † | | | | 57 | П | 寸 | \top | \top | T | \Box | | ⊪ | ı | | 107 | | | | | | | _ | ┪ | \neg |
| | 8 | Ì | | | | | | | | П | | | 58 | | \neg | \top | T | | \Box | | 78 | ï | | 108 | | | | | | | | コ | П |
| 7 | 9 | = | | | | | | | | | | | 59 | | | | | | | | | | | 109 | | | | | | | | | |
| 8 | 10 | = | | | | $oxedsymbol{oxed}$ | | L | 匚 | | | | 60 | | | | | | | | | | | 110 | | | | | | | | | |
| | 11 | <u> </u> | Ш | | lacksquare | | | | | | | | 61 | Ш | \perp | | | | \Box | | _ | | | 111 | | | | | | | | \Box | |
| <u> </u> | 12 | <u>_</u> | Ш | | <u> </u> | ╙ | _ | ļ · | _ | _ | | | 62 | Ш | \perp | \perp | \perp | _ | \sqcup | | _ | L | | 112 | | Ш | | Ш | | | | | \square |
| | 13 | — | Ш | | <u> </u> | ऻ_ | ╄ | | \perp | <u> </u> | | | 63 | Ш | _ | \perp | \perp | _ | \sqcup | | 4 | Ļ | | 113 | <u> </u> | Щ | | Ш | Ш | | _ | _ | |
| | 14 | | Н | | \vdash | \vdash | \vdash | \vdash | + | | | <u> </u> | 64 | | \dashv | \dashv | + | + | $\vdash \vdash$ | - | - | ŀ | | 114 | | | | Ш | | | _ | 4 | \square |
| | 15 16 | \vdash | \vdash | \dashv | \vdash | - | - | ⊢ | + | ├ | | — | 65 66 | H | -+ | + | + | + | \vdash | - | - | ŀ | | 115 | | | | Щ | | | - | - | \dashv |
| \vdash | 17. | \vdash | Н | \dashv | \vdash | \vdash | 1 | \vdash | + | ⊢ | ł | | 67 | \vdash | \dashv | + | + | ╁ | \vdash | | - :: | ŀ | | 116 117 | - | | | Н | \vdash | | \dashv | \dashv | \dashv |
| \vdash | 18 | \vdash | Н | | \vdash | \vdash | - | + | + | \vdash | liii | | 68 | \vdash | \dashv | + | + | + | + | | \dashv | ŀ | | 118 | \vdash | - | _ | \vdash | - | - | \dashv | | \dashv |
| | 19 | ╁ | Н | | \vdash | \vdash | - | - | + | ⊢ | | | 69 | \vdash | \dashv | \dashv | + | ╁╴ | \vdash | | \dashv | ŀ | | 119 | Н | \dashv | | Н | | | \dashv | \dashv | |
| | 20 | \vdash | Н | | \vdash | \vdash | ╁╴ | ┢ | + | ┢ | | | 70 | | \dashv | + | + | +- | ╁ | | - | ŀ | | 120 | Н | \dashv | _ | Н | | | \dashv | \dashv | \dashv |
| | 21 | H | Н | | | \vdash | \vdash | ╁ | ╁ | \vdash | | | 71 | H | \dashv | \pm | +- | + | + | | - !!! | ii | 1 | 121 | | | _ | Н | | | | 寸 | |
| | 22 | İ | П | | | 1 | \vdash | \vdash | 十 | | | | 72 | П | \dashv | _ | _ | 1 | | \dashv | \exists | ŀ | T | 122 | \Box | | _ | | | | _ | \neg | \neg |
| | 23 | | П | | | | \top | \Box | | | | | 73 | П | \top | \neg | 1 | \dagger | \vdash | \neg | 7 | ı | | 123 | | | | | | | \neg | \neg | |
| | 24 | | | | | | | | | | | | 74 | \Box | \exists | | | | | | 7 | - | | 124 | | | | | | | | ヿ | |
| | 25 | | | | | | | _ | | | | | 75 | | | | | | | | | | | 125 | | | | | | | | コ | \Box |
| | 26 | | | | | | | | | | | | 76 | | | | | | | | | ii[| | 126 | | | | | | | | | |
| | 27 | ļ., | | _ | _ | _ | _ | L | _ | _ | | | 77 | | | | \perp | | Ш | _ | _ | L | | 127 | | | | | | | _ | | |
| | 28 | ļ | Ш | | _ | _ | _ | <u> </u> | _ | _ | | | 78 | | _ | _ | \perp | \perp | Ш | | _ | iiL | | 128 | | _ | | | _ | | | _ | \Box |
| | 29 | _ | - | - | | | <u> </u> | ┞ | <u> </u> | _ | | | 79 | \sqcup | 4 | _ | 4 | _ | | _ | 4 | ŀ | | 129 | | | _ | | | _ | 4 | _ | ᅬ |
| <u> </u> | 30 | - | | \dashv | L | - | ├ | - | + | L | | | 80 | - | \dashv | - - | | +- | | | - ::: | ii | | 130 | | | _ | | \dashv | | \dashv | \dashv | _ |
| | 31 32 | | Н | | _ | - | - | ├- | ┼- | ├ | | | 81 82 | \vdash | + | - - | + | - | | | - | ŀ | | 131 | | | | | | - | | | \dashv |
| | 33 | | \vdash | - | | - | ╁ | - | + | \vdash | | | 83 | | \dashv | + | + | + | ╁ | + | - | ╟ | | 132 133 | \vdash | \dashv | | - | | \dashv | | | \dashv |
| \vdash | 34 | | \vdash | \dashv | \vdash | - | \vdash | \vdash | + | \vdash | | | 84 | | \dashv | + | +- | + | \vdash | \dashv | - | ╟ | | 134 | \dashv | | _ | | \dashv | | + | \dashv | \dashv |
| | 35 | 1 | \vdash | - | | 一 | t | \vdash | + | \vdash | | | 85 | | - | + | + | + | \vdash | + | - | ŀ | | 135 | \vdash | ᆉ | | \vdash | \dashv | \dashv | - | \dashv | \dashv |
| | 36 | T | \vdash | - | <u> </u> | \vdash | | t | | - | | | 86 | H | \dashv | \top | \top | + | 1- | \dashv | - | ŀ | | 136 | Н | 一 | | \vdash | \dashv | \neg | - | \dashv | \dashv |
| | 37 | T | | \neg | | | | | | | | | 87 | М | \dashv | \top | \top | T | Ħ | \neg | ۱ | ŀ | \neg | 137 | H | 一 | \exists | | \dashv | | \neg | - | \dashv |
| | 38 | | | | | | | | | | | | 88 | | _ | | | 1 | | | 7 | t | | 138 | | \neg | | | | | | \neg | \dashv |
| | 39 | | | | | | | | | | | | 89 | | | | I | oxdot | | | | ľ | | 139 | | | | | | | | コ | |
| | 40 | | Ш | | | \sqsubseteq | 匚 | \Box | | | | | 90 | | \Box | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | | | | |] | | | 140 | | | | | | | | | |
| | 41 | $oxed{oxed}$ | Ш | | Ш | lacksquare | L. | | | | | | 91 | П | \dashv | \perp | \perp | \perp | Ш | \Box | ╝ | | | 141 | | | | | | | | | |
| | 42 | _ | \sqcup | | | <u> </u> | <u> </u> | L. | 1_ | <u> </u> | | | 92 | Ш | \perp | \perp | \perp | 4_ | Ш | \bot | _ | L | | 142 | | | | | | | | | \Box |
| | 43 | _ | \sqcup | | | <u> </u> | ⊢ | _ | ـ | <u> </u> | | | 93 | \sqcup | \perp | \perp | \bot | \perp | \sqcup | \dashv | 4 | L | | 143 | | _ | | | _ | | _ | _ | \square |
| | 44 | \vdash | | | · | <u> </u> | ⊢ | _ | - | <u> </u> | | | 94 | | \dashv | + | + | + | \vdash | \perp | - | ŀ | | 144 | | _ | _ | | | 4 | 4 | | 4 |
| | 45 46 | | $\vdash \vdash$ | - | \vdash | ⊢ | \vdash | - | ╄ | - | | | 95 96 | \vdash | \dashv | + | + | + | \vdash | | - | ŀ | | 145 | \Box | \dashv | \dashv | _ | _ | \dashv | - | | \dashv |
| - | 47 | - | \vdash | | \vdash | \vdash | \vdash | \vdash | +- | - | | | 96 | \vdash | \dashv | + | +- | +- | \vdash | | - | ŀ | | 146 | \dashv | \dashv | \dashv | _ | _ | | - | \dashv | \dashv |
| | 48 | \vdash | \vdash | | Н | \vdash | - | H | | | | - | 98 | \vdash | \dashv | + | + | + | ┥ | | - | ┝ | | 147 148 | | - | \dashv | \dashv | \dashv | | \dashv | - | \dashv |
| | 49 | \vdash | - | - | \vdash | \vdash | | | - | \vdash | | | 99 | $\vdash \vdash$ | \dashv | + | + | ╫ | \vdash | | - | H | | 149 | | 1 | | | - | \dashv | \dashv | \dashv | \dashv |
| \vdash | 50 | \vdash | - | \dashv | | | - | \vdash | 1 | \vdash | | \dashv | 100 | $\vdash \vdash$ | \dashv | + | + | + | | - | | H | | 150 | \dashv | | | - | - | \dashv | \dashv | \dashv | ᅱ |
| | JU | لــــا | LI | | اا | L | <u> </u> | <u> </u> | ١ | | ::::: | | 100 | | 1 | | | | | | :::: | ٠L | | 130 | | | | | | | | | |